Alexandru George Streza

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Employment history

Snow Fox Art ⤴ Business Owner   Mar 2022 – Present

`React` `TypeScript` `Node.js` `Google Analytics` `Figma` `Airflow` `Next.js`

- Completed several contracts for web application development, backend development, and design work
- Worked with clients to find solutions for their problems and validate their ideas
- Built and launched a few free products on Product Hunt and Gumroad
- Decided on important architectural choices such as using SSR, SSG, CSR and choice of backend + database schema
- Integrated third-party analytics like Google Analytics and Splitbee
- Achieved a total of over 40 tech articles written on Medium

OkapiStudio ⤴ Frontend Web Developer   Oct 2020 – Present

`React` `AWS` `TypeScript` `JavaScript` `Python` `Postgres` `Figma` `Next.js`

- Developed more than 5> products, both MVPs and full-stack applications from the ground up with React and Next.JS, from maintaining legacy class React to active development with today's technologies
- Created admin dashboards and front-facing web applications from given Figma Designs
- Migrated and introduced Typescript to create a more future-proof and easier onboarding experience for developers joining projects
- Styled UI with SCSS, Tailwind CSS, styled-components or Vanilla CSS
- Customized eslint & prettier configs to fit code guidelines and to assure code quality
- Managed CI configs for automated deployment, testing, and pull-request creation with GitHub Actions, Vercel, AWS S3, Digital Ocean, Linode, and husky
- Built fully interactive map applications to visualize location-based data with Mapbox
- Worked with big data level of records, numbers in the low millions, and created pipelines to process such data in multiple languages: mainly bash and Python
- Span up Docker containers to isolate work environments and configured interactivity between them

SecurifAI ⎋ Junior Web Developer   Oct 2019 – Oct 2020

`SQL` `React` `CSS` `Python` `jQuery` `Tensorflow` `ASP.NET`

- Created dashboards to showcase AI models results with ASP.NET and React
- Consumed & developed APIs
- Created dynamic canvas timelines for recorded data

i–Tom Solutions, Junior Web Developer   Apr 2019 – Oct 2019

`SQL` `CSS` `C#` `jQuery` `Bootstrap` `ASP.NET` `Visual Studio`

- Added features for a C# MVC Application
- Styled interfaces using Bootstrap
- Interactivity added through jQuery

Education

IT&C Security Master – Cyber Security Master (Master's Degree)   Oct 2020 – Jul 2022

Cybersecurity, 10 (maximum degree)

- Conducted research in the development of secure decentralized applications on the Elrond blockchain and NFT utility for my final paper using Typescript, Next.js limited Rust smart contract
- Learned the foundation of ethical hacking and applied them in a Hack The Box–like challenge hosted by the university
- Used several cryptographic algorithms and security methodologies to improve security for web applications

Faculty of Cybernetics, Statistics and Informatics (Bachelor's Degree)   Oct 2017 – Jul 2020

Informatics, 10 (maximum degree)

- Conducted research in image classification for providing a correct form on gym/fitness exercises by training a model with curated images and developing a mobile application to prove its efficacy
- Developed projects covering all programming fields, mobile applications, APIs, web and desktop applications using robust tech stacks (Java, React, .NET, node.js)
- Discovered the importance of Algorithms and Design Structures

Snippets

Portfolio update ⬈

Completely overhauled my old portfolio design to showcase projects and hobbies through 3D interactive experiences. Migrated a part of my Medium blog as a section of the portfolio while adding further interactivity with custom inline sandboxes.

Collection of 3D resources ⬈

Designed, developed, promoted, and launched a free collection of 3D resources to help others in their 3D journey. A unified directory of links to platforms, software, tools and more related to 3D.

More about me

Interests

3D & CGI & VFX (Blender, Awwwwards-worthy websites), UI & UX design, Middle-Earth lore, fitness

Languages spoken

Romanian